

Appl. No. 09/929,030
Amdt. dated August 5, 2003
Reply to Office Action of May 6, 2003

AMENDMENTS TO THE CLAIMS:

This listing of the claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

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1. (Currently Amended) A mobile access point, adapted for use with a packet-switched communications network comprising at least one fixed access point, to provide a mobile wireless user terminal with access to the network while said mobile access point is moving, said mobile access point comprising:

at least one transceiver, adapted to transmit and receive communications signals to and from said wireless user terminal, and to operate as a communications link between said wireless user terminal and said fixed access point, to provide said wireless user terminal with access to said network via said communications link while said mobile access point is moving; and

a structure, adapted to house said at least one transceiver, and being adapted to mount on or in a mobile vehicle.

2. (Original) A mobile access point as claimed in claim 1, further comprising:

a power connection, adapted to couple to a substantially constant power supply, to provide substantially constant power to said transceiver.

AB 3. (Currently Amended) A mobile access point as claimed in claim 2, wherein:
said power connection is adapted to coupled to said substantially constant power
supply of said vehicle.

4. (Original) ~~A mobile access point as claimed in claim 1, wherein:
said transceiver is further adapted to provide a second communications link between
said user terminal an another user terminal.~~

5. (Original) A mobile access point as claimed in claim 1, wherein:
said transceiver is further adapted to provide a second communications link with
another mobile access point adapted for use with said network.

6. (Original) A mobile access point as claimed in claim 1, further
comprising:
a location determiner, adapted to determine a geographic location of said mobile
access point.

7. (Original) A mobile access point as claimed in claim 6, wherein:
said location determiner includes a global positioning system (GPS) receiver.

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8. (Currently Amended) A method for providing a mobile access point in a packet-switched communications network comprising at least one fixed access point, to provide a mobile wireless user terminal with access to the network while said mobile access point is moving, said method comprising:

coupling a mobile access point to a mobile vehicle; and
transmitting and receiving communications signals between said mobile access terminal and said wireless user terminal while said mobile access point is moving; and
establishing a communications link between said mobile access terminal and said fixed access point, such that said communications link provides said wireless user terminal access to said network via said fixed access point while said mobile access point is moving.

9. (Original) A method as claimed in claim 8, further comprising:
providing substantially constant power to said mobile access point.

10. (Currently Amended) A method as claimed in claim 9, wherein:
said providing provides said substantially constant power ~~supply~~ from a power supply of said vehicle.

11. (Original) A method as claimed in claim 8, further comprising:
using said mobile access point to provide a second communications link between said user terminal and another user terminal.

12. (Original) A method as claimed in claim 8, further comprising:
providing a second communications link between said mobile access point and
another mobile access point adapted for use with said network.

13. (Original) A method as claimed in claim 1, further comprising:
determining a geographic location of said mobile access point.

14. (Original) A method as claimed in claim 13, wherein:
said location determining includes using global positioning system (GPS) technology to
determine said geographic location of said mobile access point.

15. (New) A mobile access point, adapted for use with a packet-switched
communications network comprising at least one fixed access point, to provide a mobile
wireless user terminal with access to the network, said mobile access point comprising:

at least one transceiver, adapted to transmit and receive communications signals to
and from said wireless user terminal, and to operate as a communications link between said
wireless user terminal and said fixed access point, to provide said wireless user terminal with
access to said network via said communications link;

a structure, adapted to house said at least one transceiver, and being adapted to mount
on or in a mobile vehicle; and

a power connection, adapted to couple to a substantially constant power supply of said
vehicle, to provide substantially constant power to said transceiver.

16. (New) A method for providing a mobile access point in a packet-switched communications network comprising at least one fixed access point, to provide a mobile wireless user terminal with access to the network, said method comprising:

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coupling a mobile access point to a mobile vehicle; and

transmitting and receiving communications signals between said mobile access terminal and said wireless user terminal;

establishing a communications link between said mobile access terminal and said fixed access point, such that said communications link provides said wireless user terminal access to said network via said fixed access point; and

providing substantially constant power to said mobile access point from a power supply of said vehicle.